

PFC's Issue Update as of 5/4/2016 - EPA Region III

Issue: Rollout of the new Health Advisory for PFOS and PFOA and the implications for the Regional water systems and enforcement actions currently issued.

Background: Region III currently has approximately 18 public water supply wells and about 80 private wells exceeding the provisional health advisories (PHA) for PFOS and PFOA (0.2 and 0.4 ppb respectively). These wells are all offline and the homes are being provided bottled water, since the Unregulated Contaminant Monitoring Rule (UCMR) identified these public water supply locations, and we issued Safe Drinking Water Act (SDWA) Emergency Orders to the Navy and Air Force/Air National Guard to sample homes in proximity to their facilities. This is in addition to those covered under the 2009 SDWA Emergency Order to DuPont, to address the 7 water systems and approximately 65 private homes impacted in WV and OH near the Washington Works facility. The revised long term Health Advisory by the Office of Water is expected to be 0.070 ppb **combined** for PFOS and PFOA. This will cause the Region to review the status and protectiveness of our existing Orders considering the facts on the ground. It will also lead to the identification of additional sites, not previously investigated. The following summarizes the effect by location. Region III will ask the states to take the initial response lead where we do not have a history of prior engagement.

DuPont Washington Works- the Vienna Water system serving 12,500 persons will have all 8 wells impacted and we are working to determine the best means to provide alternate water for consumption until permanent treatment can be installed. The water cannot be turned off due to fire control, and can be used for domestic purposed other than consumption. DuPont is investigating carbon units for emergency installation and/or bottled water. There are no currently known point of use devises for filtering according to NSF though we are reviewing some POU devices used in Minnesota around the 3M plant. The area will need to be re-sampled and the boundaries of the area previously sampled expanded. The Region will work closely with Region 5 and HQs offices to review necessary revisions to the current Order. Existing homes and water systems not impacted since treatment and GAC units installed on homes bring the levels below detection (.005 ppb). Expect approximately 40 additional homes previously sampled will be now included at the 0.070 ppb HA. One well operated by Parkersburg water system will also require treatment, as covered by the Order.

Not responsive based on revised scope.

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